

Map Unit Symbol	Map Unit Name	Component Name	Percent of Map Unit	Depth to Seasonal High Water Table (inches)	Seasonal Flooding Frequency	Limitations for Buildings without Basements	Limitations for Sewage Lagoons	Permeability Class	Runoff Class
100F	CRYAQUOLLS, COLD-Fluvaquentic Haplocryolls ASSOCIATION, 0 TO 15 PERCENT SLOPES, VERY BOULDERY								
		CRYAQUOLLS	50	0-72	Occasional	Very limited	Very limited	Moderately slow	Medium
		FLUVAQUENTIC HAPLOCRYOLLS	35	NA	Rare	Very limited	Very limited	Slow	Very high
101F	SILAS FAMILY-CRYAQUOLLS ASSOCIATION, 0 TO 15 PERCENT SLOPES								
		SILAS FAMILY	60	NA	None	Somewhat limited	Very limited	Moderate	Medium
		CRYAQUOLLS	25	0-72	Occasional	Very limited	Very limited	Moderately slow	Medium
102F	JODERO FAMILY, 0 TO 15 PERCENT SLOPES								
		JODERO FAMILY	85	NA	None	Somewhat limited	Very limited	Moderate	Medium
103F	COLLEGIATE LOAM, 1 TO 3 PERCENT SLOPES								
		COLLEGIATE FAMILY	85	24-72	Rare	Very limited	Very limited	Moderate	Low
104F	PATENT LOAM, 2 TO 8 PERCENT SLOPES								
		PATENT	95	NA	None	Not limited	Somewhat limited	Moderate	Medium
216S	LEIGHCAN FAMILY-RUBBLE LAND COMPLEX, 40 TO 80 PERCENT SLOPES, EXTREMELY STONY								
		LEIGHCAN FAMILY	65	NA	None	Very limited	Very limited	Moderately slow	Very high
		RUBBLE LAND	25	NA	None	Very limited	Very limited	NA	Not Rated
217S	LEIGHCAN FAMILY-RUBBLE LAND COMPLEX, 40 TO 80 PERCENT SOUTH SLOPES, RUBBLY								
		LEIGHCAN FAMILY	50	NA	None	Very limited	Very limited	Moderately slow	Very high
		RUBBLE LAND	35	NA	None	Very limited	Very limited	NA	Not Rated
218S	BADITO FAMILY, 25 TO 60 PERCENT SLOPES, STONY								
		BADITO FAMILY	85	NA	None	Very limited	Very limited	Moderately slow	Very high
219M	BADITO FAMILY, 5 TO 25 PERCENT SLOPES, STONY								
		BADITO FAMILY	85	NA	None	Very limited	Very limited	Moderately slow	High
501S	LIBEG-ROGERT FAMILIES COMPLEX, 40 TO 80 PERCENT SOUTH SLOPES, EXTREMELY STONY								
		LIBEG FAMILY	60	NA	None	Very limited	Very limited	Moderate	Medium
		ROGERT FAMILY	30	NA	None	Very limited	Very limited	Very slow	Very high
504Y	FALCON FAMILY-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, EXTREMELY STONY								
		FALCON FAMILY	55	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	30	NA	None	Very limited	Very limited	Very slow	Very high

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505M	FUGHES FAMILY, 5 TO 25 PERCENT SLOPES								
		FUGHES FAMILY	85	NA	None	Very limited	Very limited	Slow	Very high
506M	FALCON-TRAG FAMILIES COMPLEX, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		FALCON FAMILY	45	NA	None	Very limited	Very limited	Very slow	Very high
		TRAG FAMILY	40	NA	None	Very limited	Very limited	Moderate	High
510M	Needleton-ASHCROFT FAMILIES COMPLEX, 5 TO 40 PERCENT SLOPES, VERY STONY								
		NEEDLETON FAMILY	60	NA	None	Very limited	Very limited	Moderate	High
		ASHCROFT FAMILY	30	NA	None	Very limited	Very limited	Moderately rapid	Medium
511S	Needleton FAMILY, DRY, 40 TO 65 PERCENT SLOPES, RUBBLY								
		NEEDLETON FAMILY	85	NA	None	Very limited	Very limited	Moderate	High
512S	Needleton FAMILY, 40 TO 65 PERCENT SLOPES, EXTREMELY STONY								
		NEEDLETON FAMILY	90	NA	None	Very limited	Very limited	Moderate	High
513Y	GULNARE FAMILY-ROCK OUTCROP COMPLEX, 15 TO 50 PERCENT SLOPES, VERY STONY								
		GULNARE SERIES	60	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	Very high
514M	GOTHIC-CUCHARAS FAMILIES COMPLEX, 5 TO 40 PERCENT SLOPES, VERY STONY								
		GOTHIC FAMILY	60	NA	None	Very limited	Very limited	Slow	Very high
		CUCHARAS	30	NA	None	Very limited	Very limited	Slow	Very high
515S	Needleton-ROBERT FAMILIES-ROCK OUTCROP COMPLEX, 40 TO 80 PERCENT SOUTH SLOPES, RUBBLY								
		NEEDLETON FAMILY	40	NA	None	Very limited	Very limited	Moderate	High
		ROBERT FAMILY	25	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	Very high
516M	ASHCROFT-Needleton FAMILIES COMPLEX, DRY, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		ASHCROFT FAMILY	45	NA	None	Very limited	Very limited	Moderately rapid	Medium
		NEEDLETON FAMILY	40	NA	None	Very limited	Very limited	Moderate	High
520M	BOYLE-JODERO FAMILIES ASSOCIATION, 0 TO 15 PERCENT SLOPES, STONY								
		BOYLE FAMILY	65	NA	None	Very limited	Very limited	Moderate	Medium
		JODERO FAMILY	25	NA	None	Somewhat limited	Very limited	Moderate	Medium

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521M	RING FAMILY, DRY, 5 TO 40 PERCENT SLOPES								
		RING FAMILY	85	NA	None	Very limited	Very limited	Slow	Very high
522S	Aridic Ustorthents, 40 TO 60 PERCENT SLOPES, very STONY								
		ARIDIC USTORTHENTS	85	NA	None	Very limited	Very limited	Moderately slow	Very high
524M	Barkelew-Aridic Ustorthents COMPLEX, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		BARKELEW FAMILY	65	NA	None	Very limited	Very limited	Moderate	High
		ARIDIC USTORTHENTS	25	NA	None	Very limited	Very limited	Moderately slow	Very high
525S	RING FAMILY, DRY, 40 TO 60 PERCENT SLOPES, EXTREMELY STONY								
		RING FAMILY	85	NA	None	Very limited	Very limited	Slow	Very high
526M	BAYERTON-MAITLAND COMPLEX, 25 TO 50 PERCENT SLOPES								
		BAYERTON	55	NA	None	Very limited	Very limited	Very slow	High
		MAITLAND	30	NA	None	Very limited	Very limited	Moderate	High
527S	WETMORE-MORTENSON ASSOCIATION, 20 TO 50 PERCENT SLOPES								
		WETMORE	50	NA	None	Very limited	Very limited	Very slow	Very high
		MORTENSON	40	NA	None	Very limited	Very limited	Slow	Medium
528M	COLD CREEK COBBLY SANDY LOAM, 25 TO 80 PERCENT SLOPES								
		COLD CREEK	85	NA	None	Very limited	Very limited	Moderately slow	Medium
529M	GOEMMER COBBLY CLAY LOAM, 20 TO 50 PERCENT SLOPES								
		GOEMMER	85	NA	None	Very limited	Very limited	Slow	Very high
530M	LIBEG GRAVELLY SANDY LOAM, 15 TO 45 PERCENT SLOPES								
		LIBEG	95	NA	None	Very limited	Very limited	Moderate	Medium
532M	HERM FAMILY, 5 TO 25 PERCENT SLOPES, VERY STONY								
		HERM FAMILY	85	NA	None	Very limited	Very limited	Moderate	Medium
533M	LARKSON FAMILY, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		LARKSON FAMILY	85	NA	None	Very limited	Very limited	Moderately slow	Very high
534M	LYMANSON COBBLY FINE SANDY LOAM, 20 TO 40 PERCENT SLOPES								
		LYMANSON	90	NA	None	Very limited	Very limited	Moderately slow	High
536S	RING FAMILY, 40 TO 60 PERCENT SLOPES, RUBBLY								
		RING FAMILY	85	NA	None	Very limited	Very limited	Slow	Very high

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537M	RING COBBLY SANDY LOAM, 2 TO 6 PERCENT SLOPES								
		RING	90	NA	None	Somewhat limited	Very limited	Slow	High
538M	STROUPE EXTREMELY STONY LOAM, 9 TO 25 PERCENT SLOPES								
		STROUPE	85	NA	None	Very limited	Very limited	Very slow	Very high
539M	HOLDERNESS SILT LOAM, 3 TO 9 PERCENT SLOPES								
		HOLDERNESS	85	NA	None	Somewhat limited	Somewhat limited	Very slow	Very high
540M	RING COBBLY LOAM, 20 TO 45 PERCENT SLOPES								
		RING	85	NA	None	Very limited	Very limited	Slow	High
542M	LAMPHER LOAM, 4 TO 20 PERCENT SLOPES								
		LAMPHER	90	NA	None	Somewhat limited	Very limited	Moderate	Medium
543M	NORTHWATER VERY STONY LOAM, 20 TO 45 PERCENT SLOPES								
		NORTHWATER	85	NA	None	Very limited	Very limited	Moderate	High
544M	MAITLAND FINE SANDY LOAM, 1 TO 15 PERCENT SLOPES								
		MAITLAND	85	NA	None	Somewhat limited	Very limited	Moderate	Medium
610G	LEIGHCAN FAMILY, TILL SUBSTRATUM, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		LEIGHCAN FAMILY	85	NA	None	Very limited	Very limited	Moderately rapid	Medium
701M	LEIGHCAN-ENDLICH FAMILIES COMPLEX, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		LEIGHCAN FAMILY	55	NA	None	Very limited	Very limited	Moderately rapid	Medium
		ENDLICH FAMILY	30	NA	None	Very limited	Very limited	Very slow	High
702M	ROBERT FAMILY-Cryolls COMPLEX, 5 TO 40 PERCENT SLOPES, VERY STONY								
		ROBERT FAMILY	50	NA	None	Very limited	Very limited	Very slow	Very high
		CRYOLLS	35	NA	Rare	Very limited	Very limited	Moderate	Medium
703M	Cryolls, MOIST-PACHIC Haplcryolls COMPLEX, 5 TO 25 PERCENT SLOPES, STONY								
		CRYOLLS	60	NA	Rare	Very limited	Very limited	Moderate	Low
		PACHIC HAPLOCRYOLLS	25	NA	Rare	Very limited	Very limited	Moderate	Low
704S	LEIGHCAN-ENDLICH FAMILIES COMPLEX, 40 TO 60 PERCENT SLOPES, EXTREMELY STONY								
		LEIGHCAN FAMILY	55	NA	None	Very limited	Very limited	Very slow	Medium
		ENDLICH FAMILY	30	NA	None	Very limited	Very limited	Moderate	High

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705Y	HECHTMAN FAMILY-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SOUTH SLOPES, RUBBLY								
		HECHTMAN FAMILY	55	NA	None	Very limited	Very limited	Very slow	High
		ROCK OUTCROP	30	NA	None	Very limited	Very limited	Very slow	Very high
706Y	CATHEDRAL FAMILY-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, RUBBLY								
		CATHEDRAL FAMILY	60	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	Very high
707Y	MERINO FAMILY-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, rubbly								
		MERINO FAMILY	55	NA	None	Very limited	Very limited	Moderately rapid	Medium
		ROCK OUTCROP	30	NA	None	Very limited	Very limited	Very slow	Very high
708S	HECHTMAN-GUFFEY FAMILIES COMPLEX, 40 TO 60 PERCENT SLOPES, EXTREMELY BOULDERY								
		HECHTMAN FAMILY	55	NA	None	Very limited	Very limited	Very slow	High
		GUFFEY FAMILY	30	NA	None	Very limited	Very limited	Moderately slow	High
709Y	CATHEDRAL FAMILY, MOIST-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, RUBBLY								
		CATHEDRAL FAMILY	60	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	Very high
710M	HECHTMAN-ASHCROFT FAMILIES COMPLEX, 5 TO 25 PERCENT SLOPES, EXTREMELY BOULDERY								
		HECHTMAN FAMILY	60	NA	None	Very limited	Very limited	Very slow	High
		ASHCROFT FAMILY	25	NA	None	Very limited	Very limited	Moderately rapid	Low
711Y	HECHTMAN FAMILY, COOL-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, EXTREMELY BOULDERY								
		HECHTMAN FAMILY	55	NA	None	Very limited	Very limited	Very slow	High
		ROCK OUTCROP	30	NA	None	Very limited	Very limited	Very slow	Very high
713Y	HECHTMAN FAMILY-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, EXTREMELY BOULDERY								
		HECHTMAN FAMILY	55	NA	None	Very limited	Very limited	Very slow	High
		ROCK OUTCROP	30	NA	None	Very limited	Very limited	Very slow	Very high
715M	TEASPOON-TRAG FAMILIES COMPLEX, 5 TO 25 PERCENT SLOPES, EXTREMELY STONY								
		TEASPOON FAMILY	55	NA	None	Very limited	Very limited	Very slow	Very high
		TRAG FAMILY	30	NA	None	Very limited	Very limited	Moderate	Medium

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716M	TEASPOON-TRAG FAMILIES COMPLEX, 25 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		TEASPOON FAMILY	55	NA	None	Very limited	Very limited	Very slow	Very high
		TRAG FAMILY	30	NA	None	Very limited	Very limited	Moderate	High
719Y	Cryolls-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, RUBBLY								
		CRYOLLS	60	NA	Rare	Very limited	Very limited	Moderate	Medium
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	Very high
733M	BRONELL-KERHAYDEN COMPLEX, 10 TO 40 PERCENT SLOPES								
		BRONELL	50	NA	None	Very limited	Very limited	Moderate	High
		KERHAYDEN	40	NA	None	Very limited	Very limited	Moderate	Medium
734M	COALDALE VERY GRAVELLY SANDY LOAM, 20 TO 45 PERCENT SLOPES								
		COALDALE	90	NA	None	Very limited	Very limited	Very slow	Very high
735Y	WETMORE-BUNDO, DRY-ROCK OUTCROP COMPLEX, 35 TO 75 PERCENT SLOPES								
		WETMORE	40	NA	None	Very limited	Very limited	Very slow	Very high
		BUNDO	30	NA	None	Very limited	Very limited	Moderate	High
		ROCK OUTCROP	20	NA	None	Very limited	Very limited	Very slow	Very high
736Y	WETMORE-ROCK OUTCROP COMPLEX, 40 TO 80 PERCENT SLOPES								
		WETMORE	50	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	35	NA	None	Very limited	Very limited	Very slow	Very high
737Y	Aridic Ustorthents-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, EXTREMELY BOULDERY								
		ARIDIC USTORTHENTS	60	NA	None	Very limited	Very limited	Moderately slow	Very high
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	High
738Y	TOLMAN-ROCK OUTCROP COMPLEX, 25 TO 65 PERCENT SLOPES								
		TOLMAN	60	NA	None	Very limited	Very limited	Very slow	Very high
		ROCK OUTCROP	25	NA	None	Very limited	Very limited	Very slow	Very high
901A	MORAN FAMILY-ROCK OUTCROP COMPLEX, 40 TO 150 PERCENT SLOPES, RUBBLY								
		MORAN FAMILY	45	NA	None	Very limited	Very limited	Moderately rapid	Medium
		ROCK OUTCROP	40	NA	None	Very limited	Very limited	Very slow	Very high

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901R	MORAN FAMILY, 5 TO 40 PERCENT SLOPES, EXTREMELY STONY								
		MORAN FAMILY	85	NA	None	Very limited	Very limited	Moderately rapid	Medium
902C	MORAN, WET-MORAN FAMILIES COMPLEX, 5 TO 40 PERCENT SLOPES, RUBBLY								
		MORAN FAMILY	55	NA	None	Very limited	Very limited	Moderately rapid	Medium
		MORAN FAMILY	30	NA	None	Very limited	Very limited	Slow	Very high
RO-RL	ROCK OUTCROP-RUBBLE LAND COMPLEX, 40 TO 150 PERCENT SLOPES								
		Rock outcrop	60	NA	Not Rated	Very limited	Very limited	Very slow	Very high
		Rubble land	25	NA	Not Rated	Very limited	Very limited	Rapid	Very high
W	WATER								
		Water	100	NA	Not Rated	Very limited	Very limited	NA	Not Rated